LIST OF FIGURES

<u>FIGURE</u>	<u>TITLE</u>
CHAPTER 1	GENERAL INFORMATION
1-01	Road Design Organizational Chart
1-02	Stage 3 Plan Review Distribution
CHAPTER 2	DESIGN POLICIES AND GUIDELINES
None	
CHAPTER 3	DESIGN CONTROLS
3-01	Design Vehicle Types
CHAPTER 4	ELEMENTS OF DESIGN
4-01	Circular Horizontal Curve
4-02	Compound Curves
4-03	Reverse Curves
4-04	Broken-back Curves
4-05	Two-Lane Undivided to Four-Lane Divided
4-06	Components of a Profile
4-07	Properties of a Symmetrical Vertical Curve
4-08	Properties of an Unsymmetrical (Eccentric) Vertical Curve
4-09	Roadside Ditch in Fill Section
4-10	Two-Lane Diversion Geometrics
4-11	Two-Lane Diversion Typical
4-12	Three Phase Diversion Construction
4-13	Transition Points for Superelevation
4-14	Rotating About Edge of Traveled Way
4-15	Rotating About Centerline of Pavement
4-16	Rotating About Median Edge
4-17	Stage of Superelevation
CHAPTER 5	CROSS SECTION ELEMENTS
5-01	Detail of Shoulder Drain
5-02	Method of Extending Pavement Section into Shoulder

LIST OF FIGURES (CONTINUED)

<u>FIGURE</u>	TITLE
5-03	Roadway Normal Crown Cross-slopes
5-04	Shoulder Slopes in Superelevated Section
5-05	Rumble Strip Details
5-06	One-Way Tangent Crown
5-07	Two-Way Tangent Crowns
5-08	Curb – Curb and Gutter Details
5-09	Detail of Curbed Driveway
5-10	Standard Driveways Adjacent to Mountable Curb
5-11	Monolithic Construction of Island Nose
5-12	Curbed Islands with Shoulders
5-13	Curbed Islands – No Shoulder
5-14	Typical Sidewalk Locations
5-15	Typical Concrete Barrier and Guard Rail Shapes
5-16	Paved Embankment Widening Detail – No Pipe
5-17	Paved Embankment Widening Detail – With Pipe
5-18	Depressed Median on Rural Roadways
5-19	Flush Median Used as a Continuous 14' Left Turn Lane
5-20	Raised, Grassed Median (Urban)
CHAPTER 6	AT-GRADE INTERSECTIONS
6-01	Realignment Variations at Intersections
6-02	Standard Rural Right-of-Way Flare
6-03	Standard Urban Right-of-Way Flare
6-04	Typical Widening for Left Turn Bay
6-05	Turnout Details
6-06	Longitudinal and Transverse Joints
6-07	Skewed Intersection Layout Alternative
6-08	Completed Joint Layout
6-09	Details for Boxing Out Fixtures
6-10	Adjusting Joints for Utility Fixtures

	LIST OF FIGURES (CONTINUED)
<u>FIGURE</u>	<u>TITLE</u>
6-11	Median Nose Design
6-12	Typical Nose Design – Rural 60' Depressed Median w/Turn Lane
6-13 thru 6-20	Private or Commercial Driveway
6-21	Design Details for Driveway Grades
6-22	Design Details for Driveways for House Trailers
6-23	Roundabout Parts
6-24	Central Island X-Sect
6-25	Roundabout Alignment
6-26	Single Lane Roundabout Signing
6-27	Multilane Roundabout Signing
CHAPTER 7	PAVEMENT PRESERVATION (COMING SOON)
CHAPTER 8	ROADWAY PLAN PREPARATION
8-01 thru 8-04	Abbreviations
8-05	Typical Oder of Plan Sheets
8-06	Preliminary Title Sheet Paper Plan
8-07	Final Title Sheet Paper Plan
8-08	Final Title Sheet Digital Plan
8-09	Typical Section Rural 2-Lane Asphalt
8-10	Typical Section Rural 4-Lane Divided Conc

Typical Section Urban 3-Lane Asphalt

Typical Section Urban 3-Lane Asphalt

Rigid Pavement Design

Equation Notes in Plan

Summary Sheet

Flexible Pavement Design

Summary of Estimated Quantities

Typical Section Urban 4-Lane Divided Raised Median

8-11a

8-11b

8-12

8-13

8-14

8-17

8-18

8-15 & 8-16

LIST OF FIGURES (CONTINUED)

FIGURE	TITLE
8-19	Equation Notes in Profile
8-20 & 8-21	Limits of Construction Examples
8-22	PlanPro Rural 2-Lane Sheet 4
8-23	PlanPro Rural 2-Lane
8-24	PlanPro Rural 2-Lane w/ Diversion
8-25	PlanPro Urban 4-Lane Divided w/ Raised Median
8-26	Drainage PlanPro Urban 4-Lane Curb & Gutter
8-27	TBMs & Reference Points
8-28	Rural Exist Drainage Map
8-29	Urban Exist Drainage Map
8-30	Rural Design Drainage Map
8-31	Urban Design Drainage Map
8-32	Summary of Drainage Structures
8-33 & 8-34	Geometric Details
8-35	Geometric Details Diversion
8-36 & 8-37	Graphical Grades
8-38	Suggested Joint Layout
8-39 thru 8-42	Pavement Marking Layout
8-43 thru 8-46	Sequence of Construction
8-47	Detour Signing and Map
8-48	Rural Cross Section
8-49	Urban Cross Section